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PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 40973

Title: Use of sodium bicarbonate and blood gas monitoring in diabetic ketoacidosis: A review

Reviewer’s code: 03909861

Reviewer’s country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2018-07-22

Date reviewed: 2018-07-28

Review time: 5 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a well-written review article that nicely summarized the current evidence for potential benefits and harm of two procedures commonly used in patients with diabetic ketoacidosis: sodium bicarbonate infusion and blood gas monitoring. I only have a



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couple suggestions for it: 1. It will be helpful to add a table summarizing the key findings and conclusions from the RCTs and observational studies regarding sodium bicarbonate infusion that were cited in this review article. 2. A similar table should be added for blood gas monitoring.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- The same title
- Duplicate publication
- Plagiarism
- [Y] No

BPG Search:

- The same title
- Duplicate publication
- Plagiarism
- [Y] No



PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 40973

Title: Use of sodium bicarbonate and blood gas monitoring in diabetic ketoacidosis: A review

Reviewer’s code: 02446627

Reviewer’s country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2018-07-30

Date reviewed: 2018-08-02

Review time: 3 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Very well written article addressing the complex issue in a simplified way. This review would be helpful to clinician in managing their patients and also addressing the need for the future research.



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INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- Plagiarism
- [Y] No

BPG Search:

- The same title
- Duplicate publication
- Plagiarism
- [Y] No